

Amendments to the Claims:

1. (Amended) A security system, base station for a security system, said base station comprising:

~~a base station configured to generate an alarm signal in response to an occurrence of an alarm event, and to generate an alarm video corresponding to said alarm event;~~

~~a central station coupled through a network to receive said alarm signal and said alarm video from said base station in substantially real time~~

a processor subsystem;

a sensor interface coupled to said processor subsystem, said processor subsystem configured to receive data from an alarm sensor coupled to said sensor interface, said alarm sensor forming part of said security system;

a video interface coupled to said processor subsystem, said processor subsystem further configured to receive video signals from a video camera coupled to said video interface, said video camera forming part of said security system; and

a network interface coupled to said processor subsystem;

said processor subsystem further configured to:

1) determine an occurrence of an alarm event based upon data received from said sensor interface;

2) generate an alarm signal in response to said determination of said alarm event;

3) transmit said alarm signal to a central station via said network interface, said central station forming part of said security system;

4) generate an alarm video in response to said determination of said alarm event, said alarm video corresponding in time to said alarm signal; and

5) transmit said alarm video to said central station via said network interface.

Claims 2-39 (canceled).

40. (New) The base station of claim 1, wherein said processor subsystem is further configured to determine said occurrence of said alarm event based upon data received from said sensor interface and video received from said video interface.

41. (New) The base station of claim 1, wherein said alarm signal is transmitted, via said network interface, to said central station in substantially real-time.

42. (New) The base station of claim 41, wherein said alarm video is transmitted, via said network interface, to said central station in substantially real-time.

43. (New) The base station of claim 1, wherein said alarm video generated by said processor subsystem begins at a first time corresponding to the time at which said occurrence of said alarm event was determined.

44. (New) The base station of claim 1, wherein said alarm video generated by said processor subsystem begins at a first time corresponding to a first selected time period prior to the time at which said occurrence of said alarm event was determined.

45. (New) The base station of claim 44, wherein said alarm video generated by said processor subsystem ends at a second time corresponding to the time at which said alarm event concluded.

46. (New) The base station of claim 44, wherein said alarm video generated by said processor subsystem ends at a second time corresponding to a second selected time period at which said alarm event concluded.

47. (New) The base station of claim 1, and further comprising a user interface coupled to said processor subsystem, said user interface configured for selective activation and deactivation of said base station.

48. (New) The base station of claim 47, wherein said user interface further comprises a keypad.

49. (New) The base station of claim 47, wherein said user interface further comprises:
a receiver coupled to said processor subsystem; and
a remote transmitter;
said receiver configured for selective activation and deactivation of said base station in response to receipt of a signal from said remote transmitter.

50. (New) The base station of claim 1, and further comprising a bus system for coupling said sensor interface, said video interface and said network interface to said processor subsystem.

51. (New) The base station of claim 50, wherein said bus system further comprises a system bus coupled to said processor subsystem, said sensor interface, said video interface and said network interface.

52. (New) The base station of claim 1, wherein said base station further comprises:
means for accessing said processor subsystem from a remote station forming part of security system and previously authenticated by said central station; and
means for controlling at least one function of said base station in response to command signals received from said authenticated remote station.

53. (New) The base station of claim 52, wherein said at least one function includes defining what constitutes said alarm event.

54. (New) The base station of claim 52, wherein said at least one function includes controlling selective activation and deactivation of said base station.

55. (New) The base station of claim 52, wherein said at least one function includes conducting remote surveillance using said video camera.

56. (New) The base station of claim 1, wherein said alarm video generated by said processor subsystem further comprises audio.

57. (New) A base station for a security system, said base station comprising:

- a processor subsystem;
- a memory subsystem coupled to said processor subsystem;
- a sensor interface coupled to said processor subsystem, said processor subsystem configured to receive data from an alarm sensor coupled to said sensor interface, said alarm sensor forming part of said security system;
- a video interface coupled to said processor subsystem, said processor subsystem further configured to receive video signals from a video camera coupled to said video interface, said video camera forming part of said security system; and
- a network interface coupled to said processor subsystem;

said processor subsystem further configured to:

- 1) buffer said video signals in said memory subsystem;
- 2) determine an occurrence of an alarm event based upon data received from said sensor interface;
- 3) generate an alarm signal in response to said determination of said alarm event;
- 4) construct, in response to said determination of said alarm event, an alarm video from a first portion of said buffered video signals, said first portion of said buffered video signals corresponding in time to said alarm signal;
- 5) discard a second portion of said buffered video signals, said second portion of said buffered video signals not corresponding in time to said alarm signal;
- 6) transmit said alarm signal to a central station via said network interface, said central station forming part of said security system; and
- 7) transmit said alarm video to said central station via said network interface.

58. (New) The base station of claim 57, wherein said processor subsystem is further configured to record said alarm event and data associated with said alarm event in said memory subsystem.

59. (New) The base station of claim 57, wherein said alarm signal and said alarm video are respectively transmitted, via said network interface, to said central station in substantially real-time.

60. (New) The base station of claim 57, wherein said alarm video generated by said processor subsystem begins at a first time corresponding to the time at which said occurrence of said alarm event was determined.

61. (New) The base station of claim 57, wherein said alarm video generated by said processor subsystem begins at a first time corresponding to a first selected time period prior to the time at which said occurrence of said alarm event was determined.

62. (New) The base station of claim 61, wherein said alarm video generated by said processor subsystem ends at a second time corresponding to the time at which said alarm event concluded.

63. (New) The base station of claim 61, wherein said alarm video generated by said processor subsystem ends at a second time corresponding to a second selected time period at which said alarm event concluded.

64. (New) The base station of claim 57, and further comprising a bus system for coupling said sensor interface, said video interface and said network interface to said processor subsystem.

65. (New) The base station of claim 64, wherein said bus system further comprises a system bus coupled to said processor subsystem, said sensor interface, said video interface and said network interface.

66. (New) The base station of claim 63, wherein said base station further comprises:
means for accessing said processor subsystem from a remote station forming part of
security system and previously authenticated by said central station; and
means for controlling a plurality of functions of said base station in response to command
signals received from said authenticated remote station.

67. (New) The base station of claim 66, wherein said plurality of functions include defining
what constitutes an alarm event.

68. (New) The base station of claim 66, wherein said plurality of functions include
controlling selective activation and deactivation of said base station.

69. (New) The base station of claim 66, wherein said plurality of functions include
conducting remote surveillance using said video camera.

70. (New) The base station of claim 66, wherein said plurality of functions include adjusting
camera settings.

71. (New) The base station of claim 66, wherein said plurality of functions include: (1)
defining what constitutes an alarm event; (2) controlling selective activation and deactivation of
said base station; and (3) conducting remote surveillance using said video camera.

72. (New) The base station of claim 57, wherein said alarm video constructed generated by
said processor subsystem further comprises audio.